

Amendments to the claims:

This listing of claims will replace all prior versions and listings of Claims in the Application:

Listing of Claims:

- 1 1. (Currently Amended) A micro-stencil comprising:
 - 2 a. a membrane with a receptor surface and a print surface, the print surface being
 - 3 patterned with stencil features;
 - 4 b. a flow region through the membrane to allow a print fluid to flow from the
 - 5 receptor surface to the print surface for printing the stencil feature on a medium;
 - 6 and
 - 7 c. means ~~to align~~ for aligning the membrane with the medium between multiple
 - 8 prints; and
 - 9 d. means for creating a pressure differential across the membrane.
- 1 2. (Original) The micro-stencil of claim 1, wherein the flow region comprises passages from
- 2 the receptor surface to the print surface.
- 1 3. (Previously Presented) The micro-stencil of claim 1, further comprising a reservoir for
- 2 holding and supplying a print fluid.
- 1 4. (Original) The micro-stencil of claim 3, wherein the reservoir comprises a porous
- 2 material.
- 1 5. (Previously Presented) The micro-stencil of claim 4, wherein the porous material
- 2 comprises a material selected from the group consisting of metal, glass, quartz, polymer,
- 3 cellulose, polycarbonate, polytetrafluoroethylene, nylon, polyether sulfone,
- 4 polypropylene, mixed cellulose and polyvinylidene fluoride.

- 1 6. (Original) The micro-stencil of claim 4, wherein the porous material is coupled to the
2 receptor surface of the membrane.
- 1 7. (Original) The micro-stencil of claim 4, wherein a portion of the porous material is
2 positioned within the flow region.
- 1 8. (Original) The micro-stencil of claim 1, wherein the stencil features comprise lateral
2 feature dimensions of less than 5.0 microns.
- 1 9. (Original) The micro-stencil of claim 1, wherein the membrane is formed from a resilient
2 material selected from the group consisting of rubber, silicone, urethane, vinyl, acrylic
3 and nylon.
- 1 10. (Original) The micro-stencil of claim 1, wherein the membrane is formed from
2 polydimethylsiloxane (PDMS).
- 1 11. (Previously Presented) The micro-stencil of claim 1, wherein the stencil features of the
2 membrane has a thickness have thicknesses of less than 1.0 micron.
- 1 12. (Original) The micro-stencil of claim 1, wherein the stencil features comprise an array of
2 stencil features.
- 1 Claims 13-88 (Canceled).
- 1 89. (Currently Amended) A micro-stencil comprising:
2 a. a membrane formed from polydimethylsiloxane (PDMS) with a receptor surface
3 and a print surface, the print surface being patterned with stencil features
4 comprising lateral feature dimensions of less than 5.0 microns;
5 b. a flow region through the membrane to allow a print fluid to flow from the
6 receptor surface to the print surface for printing the stencil features on a medium;
7 and

- 8 c. means ~~to align~~ for aligning the membrane with the medium between multiple
9 prints; and
10 d. means for creating a pressure differential across the membrane.